

# VICTORY CORPS AT WAR

## 22nd Signal Brigade



**T**he Soldiers of V Corps' 22nd Signal Brigade -- known as Task Force Adler during their second year long deployment in support of Operation Iraqi Freedom in 2006 -- faced an intense task when they arrived in Iraq. Task Force Adler assumed command of the most complex tactical and strategic communications network ever installed. Spanning over 165,000 square miles, it proved to be the largest tactical network in Army history, supporting the entire Iraqi theater of operations. Overall, 130,000 users received voice, video, and data services from networks managed by Task Force Adler. To do this, the task force used a multitude of fixes and solutions, leveraging the emergence of internet protocol radios, Free Space Optics camera systems and various other commercial off-the-shelf equipment. As a result users were provided an average of 50 megabytes of bandwidth that allowed them to integrate seamlessly into the strategic network for services -- a significant increase in service



compared to the previous generation of equipment. Resourceful, creative thinking led brigade engineers to develop new "line of sight" radio solutions that used existing legacy equipment to emplace commercial solutions. This in turn allowed the number of Signal

Corps Soldiers needed to accomplish the mission to be reduced significantly.

Signal Soldiers from Task Force Adler successfully installed and maintained over 50 strategic and tactical commercial servers valued at more than \$25 million, on three networks.

The brigade supported over 17,000 network accounts and 8,000 computer accounts -- including 4,000 coalition customers -- and processed 607,950 e-mails per week with maintaining 99.4% server reliability.

These achievements were made possible by the task force's success in providing commercial-grade fiber, copper termination and patch panel distribution, and several personnel to support them. ■